GOVERNMENT OF GOA QUALITY CONTROL LABORATORY WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F. 6-2/Cube -T :- 7439 & 7463/Lab/**127**/2023 - 24 Dated:- 04/07/2023.

Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work :- Improvement to the existing tali and construction of protection wall to the bank of agricultural fields near Mahadev Temple in Piligao Village of Bicholim Taluka.

Ref. to Requisition No: F.36/SDIII/WDVI/WRD/2023-24/36 dated:-12/06/2023.

Qty. Recived.: **02** Sets of cubes Date of Receipt:- 28/06/2023 Tested on:- 29/06/2023 & 03/07/2023 Ref to CPWD: 2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No: 1555/RK & 1045/SS . Lab. Sample No: 7613 & 7614 Tested By: Mrs. R.R. Kadam A.E. Mrs. S.B.Naik Shirodkar. J.E.

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DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
Cement concrete cube of mix 1:2:4 , cast on 01/06/2023. PCC for Layer II of retaining wall.	28 th day compressive	244.65 233.32 212.93	Ka/Cm ² Ka/Cm ²	210.00 Kg/cm ²	9.67	Qty represents - 19.00 cum.
	Average	230.30	Ka/Cm ²			
Cement concrete cube of mix 1:2:4 , cast on 05/06/2023. PCC for Layer III of retaining wall.	28 th day	246.91	Ka/Cm ²	210.00 Kg/cm ²	10.03	Qty represents - 15.00 cum.
	compressive		Ka/Cm ²			
	Cement concrete cube of mix 1:2:4 , cast on 01/06/2023. PCC for Layer II of retaining wall. Cement concrete cube of mix 1:2:4 , cast on 05/06/2023. PCC for Layer III of	Cement concrete cube of mix 1:2:4, cast on 01/06/2023. PCC for Layer II of retaining wall. Cement concrete cube of mix 1:2:4, cast on 05/06/2023. PCC for Layer III of 28 th day compressive strength Average 28 th day compressive on 05/06/2023. PCC for Layer III of	Cement concrete cube of mix 1:2:4, cast on 01/06/2023. PCC for Layer II of retaining wall. Cement concrete cube of mix 1:2:4, cast on 05/06/2023. PCC for Layer III of on 05/06/2023. PCC for Layer III of retaining wall. Cement concrete cube of mix 1:2:4, cast on 05/06/2023. PCC for Layer III of strength at the compressive strength at t	Cement concrete cube of mix 1:2:4, cast on 01/06/2023. PCC for Layer II of retaining wall. Cement concrete cube of mix 1:2:4, cast on 05/06/2023. PCC for Layer III of compressive strength Cement concrete cube of mix 1:2:4, cast on 05/06/2023. PCC for Layer III of retaining wall. TESTED FOR RESULTS 28 th day compressive strength 233.32 Kg/Cm² 212.93 Kg/Cm² 28 th day compressive compressive strength 28 th day compressive strength 29 th day compressive strength 210.67 Kg/Cm² 210.67 Kg/Cm²	Cement concrete cube of mix 1:2:4, cast on 01/06/2023. PCC for Layer II of retaining wall. Cement concrete cube of mix 1:2:4, cast on 05/06/2023. PCC for Layer III of retaining wall. Cement concrete cube of mix 1:2:4, cast on 05/06/2023. PCC for Layer III of retaining wall. IESTED FOR RESULTS permissable 28 th day compressive strength 212.93 Kg/Cm² 230.30 Kg/Cm² 246.91 Kg/Cm² 235.59 Kg/Cm² 210.00 Kg/cm² 210.00 Kg/cm² 210.00 Kg/cm²	Cement concrete cube of mix 1:2:4, cast on 01/06/2023. PCC for Layer II of retaining wall.

Copy to: 1. The Assistant Engineer, SDIII, WDVI, WRD, Mulgao - Goa.

- 2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.
- 3. Copy submitted to The Executive Engineer, WDVI, WRD, Bicholim Goa.
- 4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer